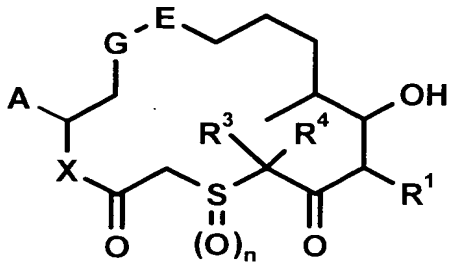
CLAIMS

We claim:

1. Compounds of the general formula (I):

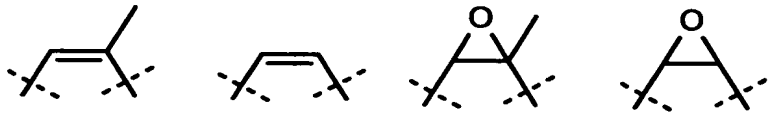


(I)

wherein

A is a heteroalkyl-, heterocycloalkyl-, heteroalkyl-cycloalkyl-, heteroaryl- or heteroarylalkyl group,

G-E is selected from the following groups,



or is part of an optionally substituted cyclpropyl ring,

n is 0, 1 or 2,

R^1 is a C_1-C_4 alkyl- or a C_3-C_4-cycloalkyl group,

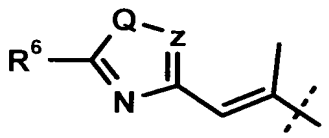
X is oxygen or a group of the formula NR^2, wherein R^2 is hydrogen, OH, NH_2, NH(Alkyl), $N(alkyl)_2$, a alkyl-, alkenyl-, alkynyl-, hetero-alkyl-, aryl-, heteroaryl-, cycloalkyl-, alkylcyclo-alkyl-, heteroalkylcycloalkyl-, heterocycloalkyl-, aralkyl- or a heteroaralkyl group,

R^3 and R^4 are independently of each other hydrogen, a C_1-C_4 alkyl group or together are part of a cycloalkyl group with 3 or 4 ring atoms,

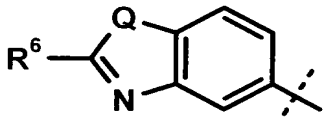
or a pharmacologically acceptable salt, solvate, hydrate or a pharmacologically acceptable formulation thereof.

2. Compounds according to claim 1, wherein A is a group of the formula –$C(CH_3)=CHR^5$, –$C(C_2H_5)=CHR^5$, –$C(Cl)=CHR^5$ or –$CH=CHR^5$, wherein R^5 is a heteroaryl- or a heteroarylalkyl group.

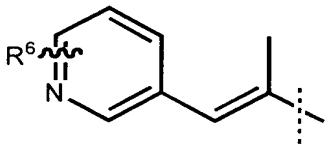
3. Compounds according toclaim 1, wherein A is a group of the general formula (II) to (V), preferentially (II) or (III):



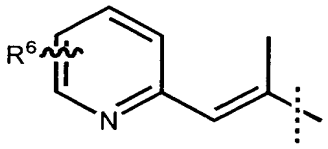
(II)



(III)



IV



V

wherein

Q a sulphur, oxygen or a group of the formula NR^7 is, wherein R^7 is hydrogen, a C_1-C_4 alkyl group or a C_1-C_4-heteroalkyl group, z is nitrogen or a CH group and R^6 is a group of the formula OR^8 or NHR^8, a alkyl-, alkenyl, alkinyl- or a heteroalkyl group, wherein R^8 is hydrogen, a C_1-C_4-alkyl group or a C_1-C_4-heteroalkyl group.

4. Compounds according to claim 3, wherein z is a CH-group.

5. Compounds according to claim 3 or 4, wherein Q is sulphur or oxygen.

6. Compounds according to the claims 3 to 5, wherein R^6 is a group of the formula CH_3, CH_2OH or CH_2NH_2.

7. Compounds according to the claims 1 to 6, wherein X is oxygen.

8. Compounds according to the claims 1 to 7, wherein R^1 is a methyl group.

9. Compounds according to the claims 1 to 8, wherein R^3 and R^4 are methyl groups.

10. (1,1-Dialkyl-2-oxo-butylsulfanyl)-acetic acid and ist derivatives as building blocks for the syntheses of compounds (I). Derivates are compounds with variations in analogy to the C1-C6-moiety and building blocks of 3-thiaepothilones (I), especially sulfoxides, sulfones, esters, amides, 3-haloderivates, preferentially (3-bromo-1,1-dimethyl-2-oxo-butylsulfanyl)-acetic acid esters of methanol and ethanol, and their sulfoxides.

11. Pharmaceutical compositions containing a compound according to any one of the claims 1 to 9 and optionally carrier and/or adjuvants.

12. Use of a compound or a pharmaceutical composition according to any one of the preseding claims 1 to 10 for the treatment of cancer diseases.